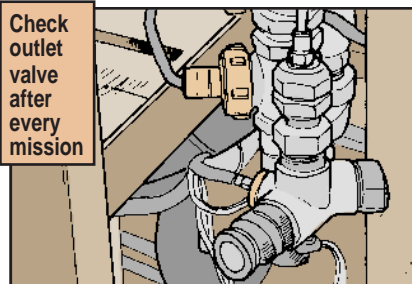


Delightful Deconning with PM

Deconning with your M17 may not actually be delightful with this PM, but it will certainly be easier.

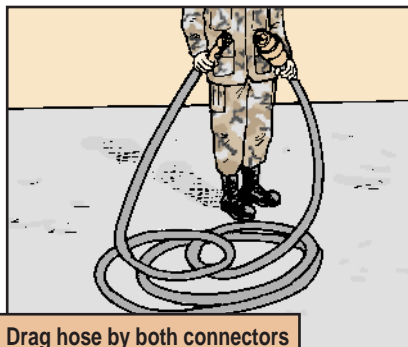
Descaling

Page 2-16 in TM 3-4230-228-10 says to check the outlet assembly of the heat exchanger coil for scaling during PMCS. If the scale buildup reaches 1/16 inch or more, your repairman can do the descaling procedure that begins on Page 2-82 of TM 3-4230-228-23&P. Otherwise, the burner will take forever to heat water.



Hoses

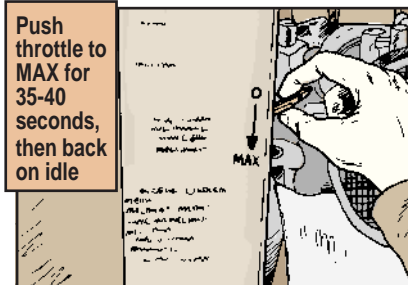
Don't let the hose connectors drag on the ground. That breaks the quick-disconnects and the hoses can't be secured to the M17. Hold the hose by both connectors to drag it.



Shutdown

When you're through deconning, drain as much water out of the M17 as you can. Water left in the M17 leads to corrosion, which locks up the water

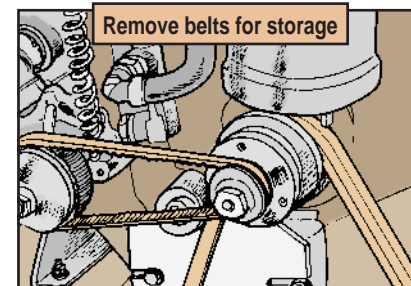
pump and causes leaks. To get out the water, run the engine up to MAX for 35-40 seconds and then throttle down to idle.



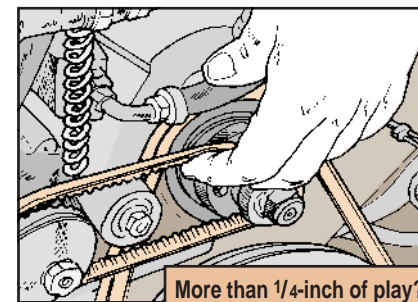
Never let the water pump run more than 1 minute without water. That cooks the pump.

Storage

If your M17 is going to sit in the motor pool for more than a few days, take off the water and fuel pump belts and store them in the M17 toolbox. You can just rotate the belts on and off the belt pulleys. If they're left on, they stretch and dry rot.



When you put the belts back on, make sure they're tight. If there's more than 1/4 inch of play, tell your repairman. He can adjust them like it says on Page 2-31 in the -23&P or replace both belts if necessary.



NBC Protective Masks . . .

No Polish Please

Stay away from plastic polish, NBC NCOs.

Several of the M40 and M42 TMs list plastic polish, NSN 7930-00-935-3794, for repairing eyelens and outserts scratches. But the polish can scratch lenses, so you shouldn't use it.

Optical cleaning compound, NSN 6850-00-592-3283, is the only thing that should be used on lenses. It can be found in the M40/M42- series unit maintenance -20&P technical manuals.

If you want to avoid scratched lenses, make sure that outserts are on the masks before they leave the NBC room and that everyone in your unit leaves them on.

